



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section VI. Specific Operating Conditions**

**A. Emission Units # S2.001 and S2.002 and PF1.001 through PF1.002B location varies; Nevada Test & Training Range**

System 01 – Asphalt Plant	
S 2.001	Astec PDM-636-C Mixer/Dryer Drum, Serial # 85151
S 2.001A	Astec PDM-636-C Hot Asphalt Storage Tank, Serial # 85151
PF 1.001	Astec PDM-636-C Hopper, Serial # 85151
PF 1.002	Astec PDM-636-C Conveyor, Serial # 85151
PF 1.002A	Astec PDM-636-C Hot Asphalt Conveyor, Serial # 85151
PF 1.002B	Astec PDM-636-C Hot Asphalt Hopper Loadout, Serial # 85151

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

Emissions from **S2.001** shall be ducted to a control system consisting of a Baghouse (**DC-001**) with 100% capture and a maximum volume flow rate of **3,000 dry standard cubic feet per minute (DSCFM)**. Emissions from **S2.001A** and **PF1.001** through **PF1.002B** have no add-on controls.

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

a. On and after the date of startup of **S2.001**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of **DC-001** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.305 Part 70 Program - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.514 pound** per hour, nor exceed **2.25 tons** per year.
- (2) NAC 445B.305 Part 70 Program - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.02 grain per dry standard cubic foot**, nor more than **0.514 pound** per hour, nor exceed **2.25 tons** per year. This limit is less than the 53.55 pounds per hour combined maximum allowable emission limit as determined from NAC 445B.22033 (NAC 445B.363) and the maximum combined allowable throughput rate as limited by A.3.a of this section.
- (3) NAC 445B.305 Part 70 Program - The discharge of **PM** (particulate matter) to the atmosphere will not exceed 0.02 grain per dry standard cubic foot nor more than **0.514 pound** per hour, nor exceed **2.25 tons** per year. This limit is less than the 53.545 pounds per hour maximum allowable emission limit as determined from SIP 445.732 and the maximum allowable throughput rate as limited by A.3.a of this section.
- (4) NAC 445B.305 Part 70 Program - The discharge of **Sulfur** to the atmosphere will not exceed **12.50 pounds** per hour, nor exceed **54.75 tons** per year. This limit is less than the 34.51 pounds per hour maximum allowable emission as determined from NAC 445B.22047, SIP Article 8.2.1.1 and the maximum heat input rate as limited by A.3.e of this section.
- (5) NAC 445B.305 Part 70 Program - The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere will not exceed **25.0 pounds** per hour, nor exceed **109.5 tons** per year. The SO<sub>2</sub> emission limit applies at all times, including periods of startup, shut down, and malfunction.
- (6) NAC 445B.305 Part 70 Program - The discharge of **NO<sub>x</sub>** (nitrogen oxides) to the atmosphere will not exceed **7.04 pounds** per hour, nor exceed **30.85 tons** per year.
- (7) NAC 445B.305 Part 70 Program - The discharge of **CO** (carbon monoxide) to the atmosphere will not exceed **1.761 pounds** per hour, nor exceed **7.712 tons** per year.
- (8) NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **0.089 pound** per hour, nor exceed **0.250 ton** per year.
- (9) SIP 445.721 Federally Enforceable SIP Requirement - The opacity from the **DC-001** stack discharge will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour in accordance with SIP 445.721.
- (10) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from the **DC-001** stack discharge will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).

b. On and after the date of startup of **S2.001A**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of **S2.001A** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.030 pound** per hour, nor exceed **0.131 ton** per year.
- (2) NAC 445B.305 Part 70 Program - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.030 pound** per hour, nor exceed **0.131 ton** per year.
- (4) NAC 445B.305 Part 70 Program - The discharge of **Sulfur** to the atmosphere will not exceed **0.535 pound** per hour, nor exceed **2.34 tons** per year. This limit is less than the 1.47 pounds per hour maximum allowable emission as determined from NAC 445B.22047, SIP Article 8.2.1.1 and the maximum heat input rate as limited by A.3.f of this section.
- (5) NAC 445B.305 Part 70 Program - The discharge of **SO<sub>2</sub>** (sulfur dioxide) to the atmosphere will not exceed **1.07 pounds** per hour, nor exceed **4.67 tons** per year. The SO<sub>2</sub> emission limit applies at all times, including periods of startup, shut down, and malfunction.
- (6) NAC 445B.305 Part 70 Program - The discharge of **NO<sub>x</sub>** (nitrogen oxides) to the atmosphere will not exceed **0.300 pound** per hour, nor exceed **1.314 tons** per year.
- (7) NAC 445B.305 Part 70 Program - The discharge of **CO** (carbon monoxide) to the atmosphere will not exceed **0.075 pound** per hour, nor exceed **0.329 ton** per year.
- (8) NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **0.004 pound** per hour, nor exceed **0.017 ton** per year.
- (9) SIP 445.721 Federally Enforceable SIP Requirement - The opacity from **S2.001A** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour in accordance with SIP 445.721.
- (10) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **S2.001A** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**A. Emission Units # S2.001 and PF1.001 through PF1.002B (Continued)** location varies; Nevada Test & Training Range

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits (Continued)

- c. On and after the date of startup of **PF1.002A** and **PF1.002B**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.002A** and **PF1.002B** the following pollutants in excess of the following specified limits:
  - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.065 pound** per hour each, nor exceed **0.285 ton** per year each.
  - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.065 pound** per hour each, nor exceed **0.285 ton** per year each.
  - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.065 pound** per hour each, nor exceed **0.285 ton** per year each.
  - (4) NAC 445B.305 Part 70 Program – The discharge of **CO** (carbon monoxide) to the atmosphere will not exceed **0.169 pound** per hour each, nor exceed **0.739 ton** per year each.
  - (5) NAC 445B.305 Part 70 Program – The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **0.519 pound** per hour each, nor exceed **2.272 tons** per year each.
  - (6) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from the **PF1.002A** and **PF1.002B** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
  - (7) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.002A** and **PF1.002B** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
- d. New Source Performance Standards - Subpart I-Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.92)
  - (1) On and after the sixtieth day after achieving the maximum production rate at which **S2.001** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere from **DC-001**, the following pollutants in excess of the following specified limits:
    - (1) Emissions of particulate matter in excess of 90 mg/dscm (0.04 grain per dry standard cubic foot) (40 CFR Part 60.92. (a)(1)).
    - (2) Emissions that exhibit 20 percent opacity, or greater (40 CFR Part 60.92(a)(2)).
    - (3) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (4) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **S2.001** including associated air pollution control equipment in a manner consistent with minimizing emissions (40 CFR Part 60.11(d)).
  - (2) On and after the sixtieth day after achieving the maximum production rate at which **PF1.002A** and **PF1.002B** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Emissions that exhibit 20 percent opacity, or greater (40 CFR Part 60.92(a)(2)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.002A** and **PF1.002B** including associated air pollution control equipment in a manner consistent with minimizing emissions (40 CFR Part 60.11(d)).
- e. On and after the date of startup of **PF1.001**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.001** the following pollutants in excess of the following specified limits:
  - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.120 pound** per hour, nor exceed **0.526 ton** per year.
  - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.020 pounds** per hour, nor exceed **4.468 tons** per year.
  - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.020 pounds** per hour, nor exceed **4.468 tons** per year.
  - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from the **PF1.001** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
  - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.001** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**A. Emission Units # S2.001 and PF1.001 through PF1.002B (Continued)** location varies; Nevada Test & Training Range

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits (Continued)

- f. On and after the date of startup of **PF1.002**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.002** the following pollutants in excess of the following specified limits:
  - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.042 ton** per year.
  - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
  - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
  - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from the **PF1.002** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
  - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.002** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
- g. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.002** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
  - (1) Fugitive emissions from **PF1.002** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
  - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
  - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.002** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point of each transfer point for minimizing emissions (40 CFR Part 60.11(d)).

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters

- a. **S2.001 and S2.001A** may combust #2 diesel fuel only.
- b. The maximum #2 diesel fuel consumption rate for **S2.001** will not exceed **360.0 gallons** per any one-hour period.
- c. The maximum #2 diesel fuel consumption rate for **S2.001A** will not exceed **15.0 gallons** per any one-hour period.
- d. The maximum sulfur content of the #2 diesel fuel will not exceed 0.5 weight percent sulfur. The maximum sulfur content applies at all times, including periods of startup, shut down, and malfunction.
- e. The maximum individual operating heat input for **S2.001**, will not exceed **49.3 MMBtu** per any one-hour period.
- f. The maximum individual operating heat input for **S2.001A**, will not exceed **2.1 MMBtu** per any one-hour period.
- g. The maximum allowable throughput rate for **S2.001** will not exceed **125.0 tons** of **asphalt** per any one-hour period.
- h. The maximum throughput rates for **PF1.001 through PF1.002B** each will not exceed **200.0 tons** of **asphalt** per any one-hour period.
- i. Hours: **S2.001, S2.001A and PF1.001 through PF1.002B** each may operate a total of 8,760 hours per calendar year.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**A. Emission Units # S2.001 and PF1.001 and PF1.002 (Continued)** location varies; Nevada Test & Training Range

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

a. Monitoring and Recordkeeping

Permittee, upon the issuance date of this permit will:

- (1) Monitor and record the throughput rate of **asphalt** for **S2.001 and PF1.001 through PF1.002B** on a daily basis.
- (2) Monitor and record the consumption rate of **#2 diesel fuel** for **S2.001 and S2.001A** on a daily basis.
- (3) Monitor and record the hours of operation for **S2.001 and PF1.001 through PF1.002B** on a daily basis.
- (4) Conduct and record a Method 9 visible emissions test on the exhaust stack of **DC-001** while System 01 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
- (5) Monitor and record that the maintenance and operation of **DC-001** is in accordance with the manufacturer's operation and maintenance guidelines, on a weekly basis. Monitor and record on a weekly basis the differential pressure drop across the **DC-001**. Weekly records must show that observations were made, and records of any corrective actions taken.
- (6) Retain certified records of the maximum weight percentage of sulfur as contained in the #2 diesel fuel as provided by the fuel supplier(s). The certification must be provided for each load of #2 diesel fuel supplied.
- (7) The required monitoring and recordkeeping established in A.4.a.(1) through A.4.a.(5) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - (a) The calendar date of any required monitoring.
  - (b) The total daily fuel consumption value determined from A.4.a.(2) above.
  - (c) The total daily hours of operation determined from A.4.a.(3) above.
  - (d) Observations made and any corrective actions taken on **System 01** for operation and maintenance in accordance with the manufacturer's guidelines.
  - (e) Results of the Method 9 visible emissions test required in A.4.a.(4) above.
- (8) The required monitoring and recordkeeping for the fuel sulfur content certification established in A.4.a.(6) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - (a) The name of the fuel supplier.
  - (b) The calendar date the #2 diesel fuel is delivered.
  - (c) A statement from the fuel supplier that the #2 diesel fuel complies with the specifications under the definition of distillate oil as defined in 40 CFR Part 60.41c.
  - (d) The maximum weight percentage of sulfur as contained in the #2 diesel fuel.
  - (e) The tank identification to which the #2 diesel fuel is delivered.

b. At least 60 days, but no later than 180 days from the date of issuance of this permit, Permittee will:

- (1) Conduct and record the following performance tests on the exhaust stack of **DC-001** consisting of three valid runs at the maximum throughput rate (subject to 4.b.(3) of this section and not to exceed the maximum allowable throughput rate as established in paragraph 3 of this section):
  - (a) A Method 201A and Method 202 test in accordance with 40 CFR Part 51, Appendix M (or an alternative EPA reference method approved by the director) for PM<sub>10</sub>.
  - (b) A Method 5 test with back-half catch for PM in accordance with 40 CFR Part 60, Appendix A (or an alternative EPA reference method approved by the director).
  - (c) A Method 6C, 7E, 10 and 25A for SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC's (or equivalent EPA reference methods as approved in advance by the Director) on the exhaust stack of **DC-001** consisting of three valid runs. The Method 5, 6C, 7E, 10 and 25A emissions test must be conducted in accordance with 40 CFR Part 60, Appendix A.
- (2) The Method 201A and Method 202 tests required in 4.b.(1)(a) of this section may be replaced by a Method 5 test which includes the back-half catch. All particulate captured in the Method 5 tests with back-half catch performed under this provision shall be considered PM<sub>10</sub> emissions for determination of compliance with the emission limitations established in 2 of this section.
- (3) Performance tests required under 4.b.(1) of this section that are conducted below the maximum allowable throughput rate, as established in 3.a of this section, shall be subject to the director's review to determine if the throughput rates during the performance tests were sufficient to provide adequate compliance demonstration. Should the director determine that the performance tests do not provide adequate compliance demonstration, then the director may require additional performance testing.
- (4) Performance tests must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the performance test. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a performance test unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (5) The owner of an affected facility shall give notice to the director 30 days before the performance test to allow the director to have an observer present. A written testing procedure for the performance test must be submitted to the director at least 30 days before the performance test to allow the director to review the proposed testing procedures (NAC 445B.252.4).
- (6) Within 60 days after completing the performance tests contained in 4.b.(1) of this section, Permittee shall furnish the director a written report of the results of the performance tests required in 4.b.(1) of this section (40 CFR Part 60.385, 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.395 (NAC 445B.252.8).



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**A. Emission Units # S2.001 and PF1.001 and PF1.002 (Continued) location varies; Nevada Test & Training Range**

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

c. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section VI. Specific Operating Conditions (continued)**

**B. Emission Units # S2.002 and S2.003 and PF1.003 through PF1.005A location varies, Nevada Test & Training Range**

System 02 – Concrete Plant	
S 2.002	Zimmerman 630SC Silo, Serial # ZM6-630-965-092
S 2.003	Belgrade 225 Silo, Serial # 91701
PF 1.003	Zimmerman 630SC Mixer Load, Serial # ZM6-630-965-092
PF 1.004	Zimmerman 630SC Cement Hopper Load, Serial # ZM6-630-965-092
PF 1.005	Zimmerman 630SC Aggregate Hopper Load, Serial # ZM6-630-965-092
PF 1.005A	Zimmerman 630SC Aggregate Conveyor, Serial # ZM6-630-965-092

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

Emissions from **S2.002** shall be ducted to a control system consisting of a Baghouse (**DC-002**) with 100% capture and a maximum volume flow rate of **375 dry standard cubic feet per minute (DSCFM)**. Emissions from **S2.003** shall be ducted to a control system consisting of a Baghouse (**DC-002A**) with 100% capture and a maximum volume flow rate of **375 dry standard cubic feet per minute (DSCFM)**. Emissions from **PF1.003** shall be controlled by water sprays and enclosure located at **PF1.003**. Emissions from **PF1.004 through PF1.005A** have no add-on controls.

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

a. On and after the date of startup of **S2.002 and S2.003**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stacks of **DC-002 and DC-002A** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.032 pound** per hour each, nor exceed **0.141 ton** per year each.
- (2) NAC 445B.305 Part 70 Program - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.01 grain per dry standard cubic foot** each, nor more than **0.032 pound** per hour each, nor exceed **0.141 ton** per year each. This limit is less than the 58.51 pounds per hour maximum allowable emission limit per unit as determined from NAC 445B.22033 (NAC 445B.363) and the maximum combined allowable throughput rate as limited by B.3.a of this section.
- (3) NAC 445B.305 Part 70 Program - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.01 grain per dry standard cubic foot** each nor more than **0.032 pound** per hour each, nor exceed **0.141 ton** per year each. This limit is less than the 58.51 pounds per hour maximum allowable emission limit per unit as determined from SIP 445.732 and the maximum allowable throughput rate as limited by A.3.a of this section.
- (4) SIP 445.721 Federally Enforceable SIP Requirement - The opacity from the **DC-002 and DC-002A** stack discharges will not equal or exceed 20% each for a period or periods aggregating more than 3 minutes in any one hour in accordance with SIP 445.721.
- (5) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from the **DC-002 and DC-002A** stack discharges will not equal or exceed 20% each. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).

b. On and after the date of startup of **PF1.003**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.003** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.760 pound** per hour, nor exceed **3.33 tons** per year.
- (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **2.20 pounds** per hour, nor exceed **9.64 tons** per year.
- (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **2.20 pounds** per hour, nor exceed **9.64 tons** per year.
- (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.003** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
- (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.003** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.

c. On and after the date of startup of **PF1.004 and PF1.005**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.004 and PF1.005** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.480 pound** per hour each, nor exceed **2.10 tons** per year each.
- (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.02 pounds** per hour each, nor exceed **4.47 tons** per year each.
- (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.02 pounds** per hour each, nor exceed **4.47 tons** per year each.
- (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.004 and PF1.005** will not equal or exceed 20% each. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
- (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.004 and PF1.005** will not equal or exceed 20% each for a period or periods aggregating more than 3 minutes in any one hour.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**B. Emission Units # S2.002 and S2.003 and PF1.003 through PF1.005A location varies, Nevada Test & Training Range (Continued)**

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits (continued)

- d. On and after the date of startup of **PF1.005A**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.005A** the following pollutants in excess of the following specified limits:
- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.660 pound** per hour, nor exceed **2.89 tons** per year.
  - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.38 pounds** per hour, nor exceed **6.04 tons** per year.
  - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.38 pounds** per hour, nor exceed **6.04 tons** per year.
  - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.005A** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
  - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.005A** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.

e. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)

On and after the sixtieth day after achieving the maximum production rate at which **PF1.005A** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:

- (1) Fugitive emissions from **PF1.005A** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
- (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
- (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.005A** in a manner consistent with minimizing emissions (40 CFR Part 60.11(d)).

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters

- a. The maximum allowable throughput rate for **S2.002 and S2.003** each will not exceed **200.0 tons of concrete** per any one-hour period.
- b. The maximum allowable throughput rate for **PF1.003 through PF1.005A** each will not exceed **200.0 tons of Rock and/or Concrete** per any one-hour period.
- c. Hours: **S2.002 and S2.003 and PF1.003 through PF1.005A** each may operate a total of 8,760 hours per calendar year.

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting

a. Monitoring and Recordkeeping

Permittee, upon the issuance date of this permit will:

- (1) Monitor and record the throughput rate of **rock and concrete** for **S2.002 and S2.003 and PF1.003 through PF1.005A** on a daily basis.
- (2) Monitor and record the hours of operation for **S2.002 and S2.003 and PF1.003 through PF1.005A** on a daily basis.
- (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - (a) The calendar date of any required monitoring.
  - (b) The total daily throughput rate of **rock and/or concrete** in tons, for the corresponding date.
  - (c) The total daily hours of operation for the corresponding date.
  - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
  - (e) Results of the Method 9 visible emissions test required in B.4.a.(4).
- (4) Conduct and record a Method 9 visible emissions test on the exhaust stack of **DC-002 and DC-002A** while System 02 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
- (5) Monitor and record that the maintenance and operation of **DC-002 and DC-002A** is in accordance with the manufacturer's operation and maintenance guidelines, on a weekly basis, including weekly vibration cleanings and annual visual inspections. Weekly records must show any observations that were made, and records of any corrective actions taken.
- (6) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**B. Emission Units # S2.002 and S2.003 and PF1.003 through PF1.005A location varies, Nevada Test & Training Range (Continued)**

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

a. Monitoring and Recordkeeping (Continued)

- (7) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (8) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**C. Emission Unit # PF1.006 location varies, Nevada Test & Training Range**

**System 03 – Aggregate Processing Equipment**

PF 1.006	Johnson Hopper/Screen, Serial # 64079
----------	---------------------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.006** shall be controlled by water sprays located at each transfer point of **PF1.006**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.006**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.006** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.672 pound** per hour, nor exceed **2.94 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.44 pounds** per hour, nor exceed **6.31 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **1.44 pounds** per hour, nor exceed **6.31 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.006** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.006** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.006** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.006** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.006** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.006** will not exceed **800.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.006** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.006** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.006** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in C.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.006** while System 03 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**C. Emission Unit # PF1.006 location varies, Nevada Test & Training Range (continued)**

**4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)**

**a. Monitoring and Recordkeeping (Continued)**

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

**b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:**

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required**



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**D. Emission Unit # PF1.007 location varies, Nevada Test & Training Range**

**System 04 – Aggregate Processing Equipment**

PF 1.007	Cedar Rapids 2A-SP Jaw Crusher, Serial # 29203
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.007** shall be controlled by water sprays located at each transfer point of **PF1.007**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.007**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.007** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.472 pound** per hour, nor exceed **2.07 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.960 pound** per hour, nor exceed **4.21 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.960 pound** per hour, nor exceed **4.21 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.007** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.007** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.007** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.007** each will not exceed 15 percent opacity (40 CFR Part 60.672(c)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.007** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.308  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.007** will not exceed **800.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.007** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.007** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.007** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in D.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.007** while System 04 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**D. Emission Unit # PF1.007 location varies, Nevada Test & Training Range (continued)**

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

a. Monitoring and Recordkeeping (Continued)

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**E. Emission Unit # PF1.008 location varies, Nevada Test & Training Range**

**System 05 – Aggregate Processing Equipment**

PF 1.008	Cedar Rapids 2416 Roll Crusher, Serial # 29204
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.008** shall be controlled by water sprays located at each transfer point of **PF1.008**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.008**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.008** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.472 pound** per hour, nor exceed **2.07 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.960 pound** per hour, nor exceed **4.21 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.960 pound** per hour, nor exceed **4.21 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.008** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.008** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.008** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.008** each will not exceed 15 percent opacity (40 CFR Part 60.672(c)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.008** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.308  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.008** will not exceed **800.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.008** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.008** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.008** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in E.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.008** while System 05 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**E. Emission Unit # PF1.008 location varies, Nevada Test & Training Range (continued)**

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

a. Monitoring and Recordkeeping (Continued)

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**F. Emission Unit # PF1.009 location varies, Nevada Test & Training Range**

**System 06 – Aggregate Processing Equipment**

PF 1.009	Telsmith 343M298 Conveyor, Serial # Unknown
----------	---

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.009** shall be controlled by water sprays located at each transfer point of **PF1.009**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.009**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.009** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.042 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from **PF1.009** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.009** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.009** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.009** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.009** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point of for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.009** will not exceed **200.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.009** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.009** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.009** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in F.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.009** while System 06 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**F. Emission Unit # PF1.009 location varies, Nevada Test & Training Range (continued)**

**4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)**

**a. Monitoring and Recordkeeping (Continued)**

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

**b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:**

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required**





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**G. Emission Unit # PF1.010 location varies, Nevada Test & Training Range**

**System 07 – Aggregate Processing Equipment**

PF 1.010	Kohlberg-Pioneer 3018-S Roll Plant, Serial # 3018-102
----------	---

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.010** shall be controlled by water sprays located at each transfer point of **PF1.010**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.010**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.010** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.118 pound** per hour, nor exceed **0.517 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.240 pound** per hour, nor exceed **1.05 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.240 pound** per hour, nor exceed **1.05 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.010** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.010** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.010** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.010** each will not exceed 15 percent opacity (40 CFR Part 60.672(c)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.010** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.308  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.010** will not exceed **200.0 tons of Aggregate** per any one-hour period.
  - b. Hours: **PF1.010** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **Aggregate** for **PF1.010** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.010** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **Aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in G.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.010** while System 07 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**G. Emission Unit # PF1.010 location varies, Nevada Test & Training Range (continued)**

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)

a. Monitoring and Recordkeeping (Continued)

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**H. Emission Unit # PF1.011 location varies, Nevada Test & Training Range**

**System 08 – Aggregate Processing Equipment**

PF 1.011	Telsmith 343M298 Vibrating Screen, Serial # Unknown
----------	---

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.011** shall be controlled by water sprays located at each transfer point of **PF1.011**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.011**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.011** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.420 pound** per hour, nor exceed **1.84 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.880 pound** per hour, nor exceed **3.85 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.880 pound** per hour, nor exceed **3.85 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from **PF1.011** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.011** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.011** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.011** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.011** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.011** will not exceed **200.0 tons of fines** per any one-hour period.
  - b. Hours: **PF1.011** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **fines** for **PF1.011** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.011** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **fines** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in H.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.011** while System 08 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**H. Emission Unit # PF1.011 location varies, Nevada Test & Training Range (continued)**

**4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)**

**a. Monitoring and Recordkeeping (Continued)**

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

**b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:**

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required**



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**I. Emission Unit # PF1.012 location varies, Nevada Test & Training Range**

**System 09 – Aggregate Processing Equipment**

PF 1.012	Eagle 33D5510 Roll Crusher, Serial # 11375
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.012** shall be controlled by water sprays located at each transfer point of **PF1.012**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.012**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.012** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.118 pound** per hour, nor exceed **0.517 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.240 pound** per hour, nor exceed **1.05 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.240 pound** per hour, nor exceed **1.05 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.012** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.012** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
  - b. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)  
On and after the sixtieth day after achieving the maximum production rate at which **PF1.012** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:
    - (1) Fugitive emissions from **PF1.012** each will not exceed 15 percent opacity (40 CFR Part 60.672(c)).
    - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
    - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.012** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).
3. NAC 445B.308  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.012** will not exceed **200.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.012** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.012** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.012** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in 1.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.012** while System 09 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**I. Emission Unit # PF1.012 location varies, Nevada Test & Training Range (continued)**

**4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting (Continued)**

**a. Monitoring and Recordkeeping (Continued)**

- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

**b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))  
Permittee, upon the issuance date of this permit shall:**

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required**



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**J. Emission Unit # PF1.013, PF1.025 and PF1.030 location varies, Nevada Test & Training Range**

**System 10 – Wash Plant**

PF 1.013	Ross Wash Plant Hopper, Serial # A26974
PF 1.030	Kohlberg-Pioneer 5024-25S Wash Plant Sand Prep Screen, Serial # 401875
PF 1.025	Ross 3RC Wash Plant Conveyor, Serial # A26973

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

Emissions from **PF1.013** shall be controlled by water sprays located at each transfer point of **PF1.013**.

Emissions from **PF1.025** and **PF1.030** shall be controlled by the aggregate material being saturated by water as defined in 40 CFR Part 60.671.

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

a. On and after the date of startup of **PF1.013**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.013** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.042 ton** per year.
- (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
- (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
- (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.013** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
- (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.013** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.

b. On and after the date of startup of **PF1.025** and **PF1.030**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.025** and **PF1.030** the following pollutants in excess of the following specified limits:

- (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.00 pound** per hour, nor exceed **0.00 ton** per year.
- (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.00 pound** per hour, nor exceed **0.00 ton** per year.
- (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.00 pound** per hour, nor exceed **0.00 ton** per year.
- (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.025** and **PF1.030** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
- (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.025** and **PF1.030** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.

c. New Source Performance Standards (NSPS) - Subpart OOO-Standards of Performance for Nonmetallic Mineral Processing Plants (40 CFR Part 60.670)

On and after the sixtieth day after achieving the maximum production rate at which **PF1.025** and **PF1.030** will be operated, but not later than 180 days after initial startup, Permittee will not discharge or cause the discharge into the atmosphere, the following pollutants in excess of the following specified limits:

- (1) Fugitive emissions from **PF1.025** and **PF1.030** will not exceed 10 percent opacity (40 CFR Part 60.672(b)).
- (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
- (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.025** and **PF1.030** including associated air pollution control equipment in a manner consistent with water sprays located at each transfer point for minimizing emissions (40 CFR Part 60.11(d)).

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Operating Parameters

- a. The maximum allowable throughput rate for **PF1.013**, **PF1.025** and **PF1.030** will not exceed **200.0 tons** of **aggregate** each per any one-hour period.
- b. Hours: **PF1.013**, **PF1.025** and **PF1.030** each may operate a total of 8,760 hours per calendar year.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**J. Emission Unit # PF1.013, PF1.025 and PF1.030 location varies, Nevada Test & Training Range (continued)**

**4. NAC 445B.3405 (NAC 445B.316) Part 70 Program**  
**Monitoring, Testing and Reporting**

**a. Monitoring and Recordkeeping**

Permittee, upon the issuance date of this permit, will:

- (1) Monitor and record the throughput rate of **aggregate** for **PF1.013, PF1.025 and PF1.030** on a daily basis.
- (2) Monitor and record the hours of operation for **PF1.013, PF1.025 and PF1.030** on a daily basis.
- (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - (a) The calendar date of any required monitoring.
  - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
  - (c) The total daily hours of operation for the corresponding date.
  - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
  - (e) Results of the Method 9 visible emissions test required in J.4.a.(4).
- (4) Conduct and record a Method 9 visible emissions test on **PF1.013, PF1.025 and PF1.030** while System 10 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
- (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
- (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4).
- (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).

**b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))**

Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**5. NAC 445B.3405 (NAC 445B.316) Part 70 Program**  
**Shielded Requirements**  
**No Specific Shield Required**





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**K. Emission Unit # PF1.014 location varies, Nevada Test & Training Range**

**System 11 – Aggregate Processing Equipment**

PF 1.014	Fabtec 24-60 Conveyor, Serial # 2460RSE8598
----------	---

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.014** shall be controlled by water sprays located at each transfer point of **PF1.014**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.014**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.014** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.006 pound** per hour, nor exceed **0.025 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.014** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.014** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.014** will not exceed **120.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.014** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.014** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.014** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in K.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.014** while System 11 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**L. Emission Unit # PF1.015 location varies, Nevada Test & Training Range**

**System 12 – Aggregate Processing Equipment**

PF 1.015	Fabtec 24-30 Conveyor, Serial # 2430E16298
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.015** shall be controlled by water sprays located at each transfer point of **PF1.015**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.015**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.015** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.006 pound** per hour, nor exceed **0.025 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.015** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.015** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.015** will not exceed **120.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.015** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.015** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.015** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in L.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.015** while System 12 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**M. Emission Unit # PF1.016 location varies, Nevada Test & Training Range**

**System 13 – Aggregate Processing Equipment**

PF 1.016	Fabtec 24-30 Conveyor, Serial # 2430E16398
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.016** shall be controlled by water sprays located at each transfer point of **PF1.016**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.016**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.016** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.006 pound** per hour, nor exceed **0.025 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.016** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.016** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.016** will not exceed **120.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.016** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.016** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.016** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in M.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.016** while System 13 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**N. Emission Unit # PF1.017 location varies, Nevada Test & Training Range**

**System 14 – Aggregate Processing Equipment**

PF 1.017	Unknown 36-120 Conveyor, Serial # 36.6336.AA
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.017** shall be controlled by water sprays located at each transfer point of **PF1.017**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.017**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.017** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.006 pound** per hour, nor exceed **0.025 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.012 pound** per hour, nor exceed **0.053 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.017** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.017** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.017** will not exceed **120.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.017** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.017** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.017** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in N.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.017** while System 14 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**O. Emission Unit # PF1.018 location varies, Nevada Test & Training Range**

**System 15 – Aggregate Processing Equipment**

PF 1.018	Unknown 2 Deck Conveyor, Serial # 8C2206
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.018** shall be controlled by water sprays located at each transfer point of **PF1.018**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.018**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.018** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.042 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.020 pound** per hour, nor exceed **0.088 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.018** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.018** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.018** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.018** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.018** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.018** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in O.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.018** while System 15 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**P. Emission Unit # PF1.019** location varies, Nevada Test & Training Range

**System 16 – Aggregate Processing Equipment**

PF 1.019	Cedar Rapids Conveyor, Serial # A26971
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.019** shall be controlled by water sprays located at each transfer point of **PF1.019**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.019**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.019** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.007 pound** per hour, nor exceed **0.032 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.019** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.019** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.019** will not exceed **150.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.019** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.019** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.019** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in P.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.019** while System 16 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**Q. Emission Unit # PF1.020** location varies, Nevada Test & Training Range

**System 17 – Aggregate Processing Equipment**

PF 1.020	Cedar Rapids Conveyor, Serial # A26972
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.020** shall be controlled by water sprays located at each transfer point of **PF1.020**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.020**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.020** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.007 pound** per hour, nor exceed **0.032 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.020** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.020** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.020** will not exceed **150.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.020** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.020** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.020** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in Q.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.020** while System 17 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**R. Emission Unit # PF1.021** location varies, Nevada Test & Training Range

**System 18 – Aggregate Processing Equipment**

PF 1.021	Cedar Rapids Conveyor, Serial # 38670
----------	---------------------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.021** shall be controlled by water sprays located at each transfer point of **PF1.021**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.021**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.021** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.007 pound** per hour, nor exceed **0.032 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.021** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.021** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.021** will not exceed **150.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.021** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.021** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.021** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in R.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.021** while System 18 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**S. Emission Unit # PF1.022 location varies, Nevada Test & Training Range**

**System 19 – Aggregate Processing Equipment**

PF 1.022	Cedar Rapids Conveyor, Serial # 38671
----------	---------------------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.022** shall be controlled by water sprays located at each transfer point of **PF1.022**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.022**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.022** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.007 pound** per hour, nor exceed **0.032 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.022** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.022** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.022** will not exceed **150.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.022** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.022** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.022** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in S.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.022** while System 19 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**T. Emission Unit # PF1.023 location varies, Nevada Test & Training Range**

**System 20 – Aggregate Processing Equipment**

PF 1.023	Cedar Rapids Conveyor, Serial # 38672
----------	---------------------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.023** shall be controlled by water sprays located at each transfer point of **PF1.023**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.023**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.023** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.007 pound** per hour, nor exceed **0.032 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **0.015 pound** per hour, nor exceed **0.066 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.023** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.023** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.023** will not exceed **150.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.023** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.023** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.023** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in T.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.023** while System 20 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**U. Emission Unit # PF1.024 location varies, Nevada Test & Training Range**

**System 21 – Aggregate Processing Equipment**

PF 1.024	Kohlberg 1130-50 Conveyor, Serial # 394911305080
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.024** shall be controlled by water sprays located at each transfer point of **PF1.024**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.024**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.024** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.005 pound** per hour, nor exceed **0.021 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.024** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.024** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.024** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.024** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.024** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.024** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in U.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.024** while System 21 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**V. Emission Unit # PF1.026 location varies, Nevada Test & Training Range**

**System 22 – Aggregate Processing Equipment**

PF 1.026	Unknown 2 Deck Vibrating Screen, Serial # 79004
----------	---

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.026** shall be controlled by water sprays located at each transfer point of **PF1.026**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.026**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.026** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.084 pound** per hour, nor exceed **0.368 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.180 pound** per hour, nor exceed **0.788 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.180 pound** per hour, nor exceed **0.788 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.026** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.026** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.026** will not exceed **100.0 tons of fines** per any one-hour period.
  - b. Hours: **PF1.026** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **fines** for **PF1.026** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.026** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **fines** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in V.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.026** while System 22 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**W. Emission Unit # PF1.027 location varies, Nevada Test & Training Range**

**System 23 – Aggregate Processing Equipment**

PF 1.027	Kohlberg 2D4810 Vibrating Screen, Serial # 1832A810802
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.027** shall be controlled by water sprays located at each transfer point of **PF1.027**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.027**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.027** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.084 pound** per hour, nor exceed **0.368 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.180 pound** per hour, nor exceed **0.788 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.180 pound** per hour, nor exceed **0.788 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.027** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.027** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.027** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.027** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.027** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.027** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in W.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.027** while System 23 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**X. Emission Unit # PF1.028 location varies, Nevada Test & Training Range**

**System 24 – Aggregate Processing Equipment**

PF 1.028 JCI 516326 Screen, Serial # 00H13L26

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.028** have no add-on controls.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.028**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.028** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **1.50 pounds** per hour, nor exceed **6.57 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **3.15 pounds** per hour, nor exceed **13.80 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **3.15 pounds** per hour, nor exceed **13.80 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from **PF1.028** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.028** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.028** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.028** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping

Permittee, upon the issuance date of this permit, will:

    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.028** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.028** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in X.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.028** while System 24 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**Y. Emission Unit # PF1.029 location varies, Nevada Test & Training Range**

**System 25 – Aggregate Processing Equipment**

PF 1.029	Cedar Rapids 543 - 2 Stage Crusher, Serial # 28314
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.029** shall be controlled by water sprays located at each transfer point of **PF1.029**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.029**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.029** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.059 pound** per hour, nor exceed **0.258 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.120 pound** per hour, nor exceed **0.526 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.120 pound** per hour, nor exceed **0.526 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.029** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.029** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.308  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.029** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.029** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.029** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.029** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in Y.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.029** while System 25 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**Z. Emission Unit # PF1.031 location varies, Nevada Test & Training Range**

**System 26 – Aggregate Processing Equipment**

PF 1.031	Universal 48F246 Screen, Serial # 804X323C
----------	--

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.031** have no add-on controls.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.031**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.031** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.750 pound** per hour, nor exceed **3.29 tons** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement – The discharge of PM (particulate matter) to the atmosphere will not exceed **1.58 pounds** per hour, nor exceed **6.90 tons** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of PM (particulate matter) to the atmosphere will not exceed **1.58 pounds** per hour, nor exceed **6.90 tons** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement – The opacity from **PF1.031** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.031** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.031** will not exceed **50.0 tons** of **aggregate** per any one-hour period.
  - b. Hours: **PF1.031** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.031** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.031** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in Z.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.031** while System 26 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AA. Emission Unit # PF1.032 location varies, Nevada Test & Training Range**

**System 27 – Aggregate Processing Equipment**

PF 1.032 Eagle PRSC Conveyor, Serial # 2701

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.032** shall be controlled by water sprays located at each transfer point of **PF1.032**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.032**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.032** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.005 pound** per hour, nor exceed **0.021 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.032** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.032** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.032** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.032** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.032** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.032** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in AA.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.032** while System 27 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AB. Emission Unit # PF1.033 location varies, Nevada Test & Training Range**

**System 28 – Aggregate Processing Equipment**

PF 1.033 Eagle PRSC Conveyor, Serial # 2702

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.033** shall be controlled by water sprays located at each transfer point of **PF1.033**.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.033**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.033** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.005 pound** per hour, nor exceed **0.021 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.033** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.033** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.033** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.033** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.033** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.033** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in AB.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.033** while System 28 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AC. Emission Unit # PF1.034 location varies, Nevada Test & Training Range**

**System 29 – Aggregate Processing Equipment**

PF 1.034	Eagle PRSC Conveyor, Serial # 2694
----------	------------------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **PF1.034** shall be controlled by water sprays located at each transfer point of PF1.034.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits
  - a. On and after the date of startup of **PF1.034**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.034** the following pollutants in excess of the following specified limits:
    - (1) NAC 445B.22033 (NAC 445B.363) State Only Requirement – The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.005 pound** per hour, nor exceed **0.021 ton** per year.
    - (2) SIP 445.732 Federally Enforceable SIP Requirement - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (3) NAC 445B.305 Part 70 Program – The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.010 pound** per hour, nor exceed **0.044 ton** per year.
    - (4) NAC 445B.22017 (NAC 445B.354) State Only Requirement - The opacity from **PF1.034** will not equal or exceed 20%. The opacity must be determined as set forth in NAC 445B.22017.1 (a) or (b) (NAC 445B.354.1 (a) or (b)).
    - (5) SIP 445.721 Federally Enforceable SIP Requirement – The opacity from **PF1.034** will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. The maximum allowable throughput rate for **PF1.034** will not exceed **100.0 tons of aggregate** per any one-hour period.
  - b. Hours: **PF1.034** may operate a total of 8,760 hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Testing and Reporting
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor and record the throughput rate of **aggregate** for **PF1.034** on a daily basis.
    - (2) Monitor and record the hours of operation for **PF1.034** on a daily basis.
    - (3) The required monitoring established in 4.a.(1) through (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of **aggregate** in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.a.(3)(b) and (c) above.
      - (e) Results of the Method 9 visible emissions test required in AC.4.a.(4).
    - (4) Conduct and record a Method 9 visible emissions test on **PF1.034** while System 29 is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
    - (5) Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the test of performance. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard (NAC 445B.252.3).
    - (6) The owner of an affected facility shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures (NAC 445B.252.4)
    - (7) Within 60 days after completing the performance tests and opacity observations contained in 4.a of this Section, Permittee shall furnish the director a written report of the results of the performance tests and the opacity observations required in 4.a of this Section (40 CFR Part 60.8(a)). All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3497 (NAC 445B.252.8).
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AD. Emission Units # S2.004**, location North 4,182.86 km, East 520.70 km, UTM (Zone 11)

**System 30 – Fuel Loading Operations**

S	2.004	TTR Gas Station (Gasoline)
---	-------	----------------------------

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Air Pollution Equipment  
Emissions from **S2.004** are controlled by a pressure relief valve and best management practices.
2. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Emission Limits  
On and after the date of startup of **S2.004**, Permittee will not discharge or cause the discharge into the atmosphere from **S2.004** the following pollutants in excess of the following specified limits:
  - a. NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **7.270 tons** per year.
  - b. The opacity from **S2.004** will not exceed 20% in accordance with NAC 445B.22017.
3. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Operating Parameters
  - a. **S2.004** may load **Gasoline** only.
  - b. The maximum annual **Gasoline** throughput rate for **S2.004** will not exceed **2.500 million gallons** per calendar year.
  - c. Hours: **S2.004** may operate **8,760** hours per calendar year.
4. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Monitoring, Record keeping and Compliance  
Permittee will:
  - a. Monitor and record the total **Gasoline** throughput rate for **S2.004** on a daily basis.
  - b. The required monitoring established in 4.a. above will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
    - (1) The calendar date of any required monitoring.
    - (2) The total daily **Gasoline** throughput rate in gallons, for the corresponding date.
    - (3) The corresponding annual **Gasoline** throughput rate in gallons. The annual throughput rate will be determined from the total daily **Gasoline** throughput rate for the calendar year recorded in 4.b.(2) above.
5. NAC 445B.3405 (NAC 445B.316) Part 70 Program  
Shielded Requirements  
No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AE Emission Unit #S2.005** location North 4,183.16 km, East 520.80 km, UTM (Zone 11)

**System 31 – Surface Coating Operations**

S 2.005 Building 535 Paint Booth

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

- a. Emissions from **S2.005** shall be ducted to a control system consisting of a fabric filter (**DC-003**) with 100% capture and a maximum volume flow rate of **25,447** actual cubic feet per minute (acfm). The volumetric flow rate may be determined by utilizing Method 2 - *Determination of Stack Gas Velocity and Volumetric Flow Rate* as referenced in 40 CFR Part 60, Appendix A.

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

- a. On and after the date of startup of **S2.005**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of **DC-003**, the following pollutants in excess of the following specified limits:

- (1). NAC 445B.305 Part 70 Program - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.014** pound per hour, nor exceed **0.005 ton** per 12-month rolling period. This limit is less than the **0.262** pound per hour combined maximum allowable emission limit as determined from NAC 445B.22033 and the maximum combined allowable throughput rate as limited by AE.3.a of this section.
- (2). NAC 445B.305 Part 70 Program - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.014** pound per hour, nor exceed **0.005 ton** per 12-month rolling period. This limit is less than the **0.262** pound per hour maximum allowable emission limit as determined from SIP 445.732 and the maximum allowable throughput rate as limited by AE.3.a of this section.
- (3). NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **19.26 pounds** per hour, nor exceed **6.42 tons** per 12-month rolling period.
- (4). NAC 445B.305 Part 70 Program - The discharge of **Total HAPs** (Hazardous Air Pollutants) to the atmosphere will not exceed **19.08 pounds** per hour, nor exceed **6.36 tons** per 12-month rolling period.
- (5). NAC 445B.305 Part 70 Program - The discharge of individual **HAPs** (Hazardous Air Pollutants) to the atmosphere will not exceed the following individual limits:
  - (a). The discharge of **dibutylphthalate** will not exceed **0.077 pound** per hour, nor exceed **0.026 ton** per 12-month rolling period.
  - (b). The discharge of **ethylbenzene** will not exceed **0.713 pound** per hour, nor exceed **0.238 ton** per 12-month rolling period.
  - (c). The discharge of **glycol ethers** will not exceed **3.97 pounds** per hour, nor exceed **1.32 tons** per 12-month rolling period.
  - (d). The discharge of **methanol** will not exceed **0.212 pound** per hour, nor exceed **0.071 ton** per 12-month rolling period.
  - (f). The discharge of **methylethyl ketone** will not exceed **4.10 pounds** per hour, nor exceed **1.37 tons** per 12-month rolling period.
  - (g). The discharge of **methylisobutyl ketone** will not exceed **1.14 pounds** per hour, nor exceed **0.379 ton** per 12-month rolling period.
  - (h). The discharge of **toluene** will not exceed **5.16 pounds** per hour, nor exceed **1.72 tons** per 12-month rolling period.
  - (i). The discharge of **xylene**s will not exceed **3.71 pounds** per hour, nor exceed **1.24 tons** per 12-month rolling period.
- (6). SIP 445.721 (*Federally Enforceable SIP Requirement*) - The opacity from the **DC-003** stack discharge will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour in accordance with SIP 445.721.
- (7). NAC 445B.22017 (*State Only Requirement*) - The opacity from the **DC-003** stack discharge will not equal or exceed 20% in accordance with NAC 445B.22017.

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Operating Parameters

- a. Maximum allowable throughput rate for **S2.005** will not exceed **3.0 gallons** of paint per any one-hour period, nor exceed **2,000 gallons** of paint per 12-month rolling period.
- b. **S2.005** may operate of **8,760** hours per 12-month rolling period.

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Monitoring, Record keeping and Compliance

Permittee will:

- a. Monitor and record the usage rate of **paint**, in gallons, in **S2.005** on a daily basis.
- b. Monitor and record the hours of operation on a daily basis.



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AE. Emission Unit # S2.005** location North 4,183.16 km, East 520.80 km, UTM (Zone 11)

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Monitoring, Record keeping and Compliance (Continued)

- c. The required monitoring established in 4.a. through 4.b above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - (1) The calendar date of any required monitoring.
  - (2) The total daily throughput rate of **paint** in **gallons**, for the corresponding date including the following information:
    - (a). Material Safety Data Sheets (MSDS) of all materials containing **VOCs** and **HAPs** shall be kept on site.
    - (b). Monitor and record the usage in gallons/ pounds for each **VOC** and **HAP** containing material on a monthly basis.
    - (c). Monitor and record the resulting **VOC** and **HAP** emissions in tons for each **VOC** and **HAP** containing material on a monthly basis.
    - (d). Monitor and record the resulting **VOC** and total **HAP** emissions in tons for all **VOC** and **HAP** containing materials on a 12-month rolling basis.
    - (e). Monitor and record the resulting individual **HAP** emissions in tons for all **HAPs** on a 12-month rolling basis.
  - (3) The total daily hours of operation for the corresponding date.
  - (4) The corresponding average hourly throughput rate in gallons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in 4.c.(2) and (3) above.
  - (5) Results of the Method 9 visible emissions test required in AE.4.d
- d. Conduct and record a Method 9 visible emissions test on the exhaust stacks of **DC-003** while **System 31** is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
- e. Monitor and record that the maintenance and operation of **DC-003** is in accordance with the manufacturer's operation and maintenance guidelines, on a weekly basis. Monitor and record on a weekly basis the differential pressure drop across the **DC-003**. Weekly records must show that observations were made, and records of any corrective actions taken.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Shielded Requirements

No Specific Shield Required



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AF. Emission Units #S2.006 through S2.011** location North 4,182.86 km, East 520.70 km, UTM (Zone 11)

System 32 - Fuel Storage Tanks		
S	2.006	Diesel Storage Tank STO-001
S	2.007	Diesel Storage Tank STO-002
S	2.008	JP-8 Storage Tank STO-003
S	2.009	JP-8 Storage Tank STO-004; Subject to 40 CFR Part 60, Subpart Kb
S	2.010	JP-8 Storage Tank STO-005; Subject to 40 CFR Part 60, Subpart Kb
S	2.011	JP-8 Storage Tank STO-006; Subject to 40 CFR Part 60, Subpart Kb

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

Emissions from **S2.006 and S2.007** are controlled by pressure relief valves and best management practices.

Emissions from **S2.008 through S2.011** shall be controlled by an internal floating roof.

Tank 1 (S2.006)

Inside Diameter (ft): 28

Height (ft): 32

Capacity (gallons): 136,000

Maximum throughput rate per year (gallons): 49,640,000

True Vapor Pressure (psia): 0.012

Tank 2 (S2.007)

Inside Diameter (ft): 28

Height (ft): 32

Capacity (gallons): 136,000

Maximum throughput rate per year (gallons): 49,640,000

True Vapor Pressure (psia): 0.012

Tank 3 (S2.008)

Inside Diameter (ft): 40

Height (ft): 30

Capacity (gallons): 300,000

Maximum throughput rate per year (gallons): 57,816,000

True Vapor Pressure (psia): 0.015

Tank 4 (S2.009)

Inside Diameter (ft): 40

Height (ft): 30

Capacity (gallons): 300,000

Maximum throughput rate per year (gallons): 57,816,000

True Vapor Pressure (psia): 0.015

Tank 5 (S2.010)

Inside Diameter (ft): 40

Height (ft): 32

Capacity (gallons): 300,000

Maximum throughput rate per year (gallons): 57,816,000

True Vapor Pressure (psia): 0.015

Tank 6 (S2.011)

Inside Diameter (ft): 40

Height (ft): 32

Capacity (gallons): 300,000

Maximum throughput rate per year (gallons): 57,816,000

True Vapor Pressure (psia): 0.015



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VI. Specific Operating Conditions (continued)**

**AF Emission Units #S2.006 through S2.011** location North 4,182.86 km, East 520.70 km, UTM (Zone 11) (Continued)

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

- a. On and after the date of startup of **S2.006 and S2.007**, Permittee will not discharge or cause the discharge into the atmosphere from **S2.006 and S2.007** the following pollutants in excess of the following specified limits:
  - (1). NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **0.215 ton** per year each.
- b. On and after the date of startup of **S2.008 through S2.011**, Permittee will not discharge or cause the discharge into the atmosphere from **S2.008 through S2.011** the following pollutants in excess of the following specified limits:
  - (1) NAC 445B.305 Part 70 Program - The discharge of **VOC** (volatile organic compounds) to the atmosphere will not exceed **0.176 ton** per year, each.
- c. The opacity from **S2.006 through S2.011**, each, will not exceed 20% in accordance with NAC 445B.22017.

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Operating Parameters

- a. **S2.006 and S2.007** may store **Diesel Fuel** only.
- b. **S2.008 through S2.011** may store **JP-8** only.
- c. The maximum annual **Diesel** throughput rate for **S2.006 and S2.007** each will not exceed **49.640** million gallons per 12-month rolling period.
- d. The maximum annual **JP-8** throughput rate for **S2.008 through S2.011** each will not exceed **57.816** million gallons per 12-month rolling period.
- e. Hours: **S2.006 through S2.011** may operate **8,760** hours per calendar year.

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Monitoring, Record keeping and Compliance

- a. Permittee upon issuance of this permit will:
  - (1). Monitor and record the total **Diesel** throughput rate for **S2.006 and S2.007** on:
    - (a). A monthly basis; and
    - (b). A 12-month rolling period.
  - (2). Monitor and record the total **JP-8** throughput rate for **S2.008 through S2.011** on:
    - (a). A monthly basis; and
    - (b). A 12-month rolling period.
  - (3). The required monitoring and recordkeeping established in AF.4.a.(1) and AF.4.a.(2) above will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
    - (a). The calendar date of any required monitoring.
    - (b). The total monthly throughput rate of **Diesel and JP-8** in gallons, for the corresponding date.
    - (c). The corresponding **Diesel and JP-8** throughput rate in gallons per 12-month rolling period. The **Diesel and JP-8** throughput rate will be determined from the total monthly **Diesel and JP-8** throughput rate recorded in AF.4.a.(3)(b) above.
- b. New Source Performance Standards (NSPS) – 40 CFR Part 60.116b (a) and (b)  
Permittee, upon the issuance of this permit will:
  - (1) Pursuant to 40 CFR Part 60 Subpart Kb, Section 60.116b (a) and (b), maintain readily accessible records showing the dimensions of the storage vessels **S2.009 through S2.011** and an analysis showing the capacities of the storage vessels **S2.009 through S2.011**. This record shall be kept for the life of the source.
- c. New Source Performance Standards (NSPS) – Notification and Recordkeeping (40 CFR Part 60.7(b))  
Permittee, upon issuance of this permit, shall:
  - (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Shielded Requirements

No Specific Shield Required





STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section VI. Specific Operating Conditions (continued)**

AG. Emission Unit # S2.012 through S2.018 location North 4,183.07 km, East 520.69 km, UTM (Zone 11)

System 33 –TTR Woodworking Operations	
S 2.012	Planner, Serial # Unknown, Government ID 000208
S 2.013	Northfield Table Saw, Serial # 8424554-J, Government ID 000198
S 2.014	Rockwell Shaper, Serial # 83G02955, Government ID 000197
S 2.015	Rockwell Unisaw, Serial # Unknown, Government ID 000200
S 2.016	General Model 430 Planner, Serial # W534, Government ID 000205
S 2.017	Moak 36" Bandsaw, Serial # 1020.9, Government ID Unknown
S 2.018	Dewalt Chop Saw, Serial # Unknown, Government ID 000201

1. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Air Pollution Equipment

Emissions from **S2.012 through S2.018** shall be ducted to a control system consisting of a **Cyclone/Fabric Filter Dust Collection System (DC-004)** with a nominal 100% capture and a maximum volume flow rate of **1,500** actual cubic feet per minute (acfm). The volumetric flow rate may be determined by utilizing Method 2 - *Determination of Stack Gas Velocity and Volumetric Flow Rate* as referenced in 40 CFR Part 60, Appendix A.

2. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Emission Limits

On and after the date of startup of **S2.012 through S2.018**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of **DC-004**, the following pollutants in excess of the following specified limits:

- NAC 445B.305 Part 70 Program - The discharge of **PM<sub>10</sub>** (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed **0.02** grain per dry standard cubic foot, nor more than **0.257 pound** per hour, nor exceed **1.13 tons** per year.
- NAC 445B.305 Part 70 Program - The discharge of **PM** (particulate matter) to the atmosphere will not exceed **0.02** grain per dry standard cubic foot nor more than **0.257 pound** per hour, nor exceed **1.13 tons** per year.
- SIP 445.721 (*Federally Enforceable SIP Requirement*) - The opacity from the **DC-004** stack discharge will not equal or exceed 20% for a period or periods aggregating more than 3 minutes in any one hour in accordance with SIP 445.721.
- NAC 445B.22017 (*State Only Requirement*) - The opacity from the **DC-004** stack discharge will not equal or exceed 20% in accordance with NAC 445B.22017.

3. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Operating Parameters

- S2.012 through S2.018** each may operate 24 hours per day.
- S2.012 through S2.018** each may operate a total of **8,760** hours per calendar year.

4. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Monitoring, Record keeping and Compliance

Permittee will:

- Monitor and record the weight of **wood** in **tons** for each bulk delivery of wood to **System 33**.
- Monitor and record the hours of operation of **S2.012 through S2.018** each on a daily basis.
- The required monitoring established in 4.a. through 4.b above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
  - The calendar date of any required monitoring.
  - The total bulk delivery weight of **wood** in **tons**, for the corresponding delivery date.
  - The total daily hours of operation of each piece of equipment for the corresponding date.
  - Results of the Method 9 visible emissions test required in AG.4.d
- Conduct and record a Method 9 visible emissions test on the exhaust stack of **DC-004** while **System 33** is operating, on a semi-annual basis. The Method 9 visible emissions test must be conducted by a certified visible emissions reader in accordance with 40 CFR Part 60, Appendix A, Method 9.
- Monitor and record that the maintenance and operation of **DC-004** is in accordance with the manufacturer's operation and maintenance guidelines on a weekly basis, quarterly inspections of **DC-004** including the filters, and annual filter replacement. Weekly records must show that observations were made, and records of any corrective actions taken.
- Conduct and record a Method 5 and Method 201 or 201A (or an equivalent method as approved by the Director) performance test for PM and PM<sub>10</sub> on the exhaust stack of **DC-004** consisting of three valid runs within 60 days, but no later than 180 days, from the date of initial startup. The Method 201 or 201A emissions tests must be conducted in accordance with 40 CFR Part 51, Appendix M, Method 201 or 201A. The Method 5 emissions test must be conducted in accordance with 40 CFR Part 60, Appendix A, Method 5.

5. NAC 445B.3405 (NAC 445B.316) Part 70 Program

Shielded Requirements

No Specific Shield Required

\*\*\*\*\***End of Specific Operating Conditions**\*\*\*\*\*



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

---

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section VII. Emission Caps**

A. No Emission Caps Defined

\*\*\*\*\***End of Emission Caps**\*\*\*\*\*



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

---

**Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee**

**Section VIII. Surface Area Disturbance Conditions**

A. Dust Control Plan

- a. Permittee will control fugitive dust in accordance with the dust control plan entitled "*NTTR Facility Wide Fugitive Dust Control Plan*," dated July 2, 2003, as submitted on **August 1, 2003**.

**\*\*\*\*\*End of Surface Area Disturbance Conditions\*\*\*\*\***



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

---

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section IX. Schedules of Compliance**

N/A

\*\*\*\*\*End of Schedules of Compliance\*\*\*\*\*



STATE OF NEVADA  
BUREAU OF AIR POLLUTION CONTROL

**PROPOSED**  
**CLASS I AIR QUALITY OPERATING PERMIT**  
**SPECIFIC REQUIREMENTS**

**NO. AP9711-1233**

Issued to: United States Air Force, 99<sup>th</sup> Air Base Wing, Nellis AFB, as Permittee

**Section X. Amendments**

NA

This permit:

1. Is non-transferable. (NAC 445B.287) Part 70 Program
2. Will be posted conspicuously at or near the stationary source. (NAC 445B.318)(State Only Requirement)
3. Will expire and be subject to renewal five (5) years after the issuance date of Month 31, 2003. (NAC 445B.315) Part 70 Program
4. A completed application for renewal of an operating permit must be submitted to the director on the form provided by him with the appropriate fee at least 180 calendar days before the expiration date of this operating permit. (NAC 445B.3443.2) Part 70 Program
5. Any party aggrieved by the Department's decision to issue this permit may appeal to the State Environmental Commission (SEC) within ten days after the date of notice of the Department's action. (NRS 445B.340)(State Only Requirement)

THIS PERMIT EXPIRES ON: Month 31, 2008

Signature \_\_\_\_\_

Issued by: Mehrdad Moghimi  
Supervisor, Class I Permitting Branch  
Bureau of Air Pollution Control

Phone: (775) 687-9337 Date: Month 31, 2003

# Class I Non-Permit Equipment List

Appended to CLASS I AIR QUALITY OPERATING PERMIT #AP9711-1233

Emission Unit #	Insignificant Emission Unit Description
IA1.001	15 kW generator, RPIE-BLDG 1525
IA1.002	15 kW generator, RPIE-BLDG 1527
IA1.003	15 kW generator, RPIE-BLDG 144
IA1.004	15 kW generator, RPIE-BLDG 500
IA1.005	15 kW generator, RPIE-BLDG 1016
IA1.006	15 kW generator, RPIE-BLDG 1016A
IA1.007	15 kW generator, RPIE-BLDG 1031
IA1.008	15 kW generator, RPIE-BLDG 1031B
IA1.009	15 kW generator, RPIE-BLDG H24
IA1.010	15 kW generator, RPIE-BLDG 517
IA1.011	15 kW generator, RPIE-BLDG 386
IA1.012	30 kW generator, RPIE-BLDG 204
IA1.013	30 kW generator, RPIE-SLS#1
IA1.014	30 kW generator, RPIE-BLDG 1047
IA1.015	60 kW generator, RPIE-BLDG 1525
IA1.016	60 kW generator, RPIE-BLDG 217
IA1.017	80 kW generator, RPIE-SLS#2
IA1.018	100 kW generator, RPIE-BLDG 517
IA1.019	100 kW generator, RPIE-BLDG 223
IA1.020	100 kW generator, RPIE-BLDG 809
IA1.021	100 kW generator, RPIE-BLDG 122
IA1.022	100 kW generator, RPIE-BLDG 8042
IA1.023	100 kW generator, RPIE-BLDG 939
IA1.024	100 kW generator, RPIE-SLS#3
IA1.025	100 kW generator, RPIE-BLDG 427
IA1.026	150 kW generator, RPIE-BLDG 225
IA1.027	150 kW generator, RPIE-BLDG 928
IA1.028	160 kW generator, RPIE-BLDG 517
IA1.029	150 kW generator, RPIE-BLDG 204
IA1.030	Emergency 200 kW generator, RPIE-BLDG 134
IA1.031	Emergency 400 kW generator, RPIE-BLDG 244
IA1.032	Emergency 400 kW generator, RPIE-BLDG 168
IA1.033	95 kW generator, RPIE-BLDG 254
IA1.034	100 kW generator, Target S-18
IA1.035	100 kW generator, Target S-21
IA1.036	100 kW generator, Target S-18
IA1.037	100 kW generator, Target S-17
IA1.038	100 kW generator, Target S-22
IA1.039	30 kW generator, Target 50H2
IA1.040	30 kW generator, Target TPK-35
IA1.041	50 kW generator, Target S-21
IA1.042	60 kW generator, Target S-10
IA1.043	60 kW generator, Target TPK35
IA1.044	30 kW generator, Target TPK-35
IA1.045	60 kW generator, Target
IA1.046	60 kW generator, Target FAC A
IA1.047	50 kW generator, Target S-18/S-23
IA1.048	100 kW generator, Target Black Mtn
IA1.049	100 kW generator, Target TPK5
IA1.050	60 kW generator, Target Cedar Pass Gate
IA1.051	60 kW generator, Target TPK35
IA1.052	60 kW generator, Target A-64
IA1.053	100 kW generator, Target CP1-1
IA1.054	60 kW generator, Target TPK37
IA1.055	60 kW generator, Target Black Mtn

# Class I Non-Permit Equipment List

Appended to CLASS I AIR QUALITY OPERATING PERMIT #AP9711-1233 (Continued)

Emission Unit #	Insignificant Emission Unit Description
IA1.056	60 kW generator, Target A-91
IA1.057	60 kW generator, Target CP1-8
IA1.058	60 kW generator, Target S17GR
IA1.059	60 kW generator, Target A-66
IA1.060	60 kW generator, Target A-64
IA1.061	60 kW generator, Target CP1-8
IA1.062	60 kW generator, Target TPK27
IA1.063	60 kW generator, Target Black Mtn
IA1.064	60 kW generator, Target TPK38
IA1.065	60 kW generator, Target S11
IA1.066	60 kW generator, Target TPK27
IA1.067	60 kW generator, Target A-63
IA1.068	60 kW generator, Target A-68
IA1.069	60 kW generator, Target A-68
IA1.070	60 kW generator, Target G-92
IA1.071	60 kW generator, Target A-90
IA1.072	12.5 kW generator, Target S-30
IA1.073	100 kW generator, Target GR1-8
IA1.074 – IA1.078	5 – 100 kW generators, unspecified location(s)
IA1.079 – IA1.082	4 – 12.5 kW generators, unspecified location(s)
IA1.083	30 kW generator, unspecified location
IA1.084 – IA1.089	6 – 60 kW generators, unspecified location(s)
IA1.090	150 kW generator, unspecified location
IA1.091	Emergency 250 kW generator, unspecified location
IA1.092	Emergency 400 kW generator, unspecified location
IA1.093	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 401
IA1.094	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 405
IA1.095	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 409
IA1.096	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 411
IA1.097	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 415
IA1.098	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 419
IA1.099	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 431
IA1.100	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 435
IA1.101	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 441
IA1.102	3.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 445
IA1.103	2.75 MMBtu/hr No. 2 Oil Boiler, Bldg. 184
IA1.104	2.51 MMBtu/hr No. 2 Oil Boiler, Bldg. 83004
IA1.105	2.52 MMBtu/hr No. 2 Oil Boiler, Bldg. 535
IA1.106	1.8 MMBtu/hr No. 2 Oil Boiler, Bldg. 536
IA1.107	1.78 MMBtu/hr No. 2 Oil Boiler, Bldg. 186
IA1.108	1.5 MMBtu/hr No. 2 Oil Boiler, Bldg. 364
IA1.109	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 373
IA1.110	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 374
IA1.111	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 376
IA1.112	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 377
IA1.113	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 383
IA1.114	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 384
IA1.115	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 386
IA1.116	1.32 MMBtu/hr No. 2 Oil Boiler, Bldg. 387
IA1.117	1.3 MMBtu/hr No. 2 Oil Boiler, Bldg. 188
IA1.118	1.28 MMBtu/hr No. 2 Oil Boiler, Bldg. 249
IA1.119	1.28 MMBtu/hr No. 2 Oil Boiler, Bldg. 367
IA1.120	0.9 MMBtu/hr No. 2 Oil Boiler, Bldg. 257
IA1.121	0.9 MMBtu/hr No. 2 Oil Boiler, Bldg. 138
IA1.122	0.75 MMBtu/hr No. 2 Oil Boiler, Bldg. 427
IA1.123	0.7 MMBtu/hr No. 2 Oil Boiler, Bldg. 140
IA1.124	0.7 MMBtu/hr No. 2 Oil Boiler, Bldg. 161
IA1.125	0.65 MMBtu/hr No. 2 Oil Boiler, Bldg. 269
IA1.126	0.65 MMBtu/hr No. 2 Oil Boiler, Bldg. 500
IA1.127	0.65 MMBtu/hr No. 2 Oil Boiler, Bldg. 501

# Class I Non-Permit Equipment List

Appended to CLASS I AIR QUALITY OPERATING PERMIT #AP9711-1233 (Continued)

Emission Unit #	Insignificant Emission Unit Description
IA1.128	0.6 MMBtu/hr No. 2 Oil Boiler, Bldg. 143
IA1.129	0.6 MMBtu/hr No. 2 Oil Boiler, Bldg. 505
IA1.130	0.53 MMBtu/hr No. 2 Oil Boiler, Bldg. 517
IA1.131	0.45 MMBtu/hr No. 2 Oil Boiler, Bldg. 424
IA1.132	0.45 MMBtu/hr No. 2 Oil Boiler, Bldg. 204
IA1.133	0.45 MMBtu/hr No. 2 Oil Boiler, Bldg. 503
IA1.134	0.45 MMBtu/hr No. 2 Oil Boiler, Bldg. 266
IA1.135	0.4 MMBtu/hr No. 2 Oil Boiler, Bldg. 223
IA1.136	0.37 MMBtu/hr No. 2 Oil Boiler, Bldg. 120
IA1.137	0.34 MMBtu/hr No. 2 Oil Boiler, Bldg. 244
IA1.138	0.3 MMBtu/hr No. 2 Oil Boiler, Bldg. 228
IA1.139	0.3 MMBtu/hr No. 2 Oil Boiler, Bldg. 225
IA1.140	0.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 217
IA1.141	0.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 226
IA1.142	0.25 MMBtu/hr No. 2 Oil Boiler, Bldg. 520
IA1.143	0.2 MMBtu/hr No. 2 Oil Boiler, Bldg. 227
IA1.144	0.2 MMBtu/hr No. 2 Oil Boiler, Bldg. 293
IA1.145	0.18 MMBtu/hr No. 2 Oil Boiler, Bldg. 150
IA1.146	0.15 MMBtu/hr No. 2 Oil Boiler, Bldg. 511
IA1.147	0.15 MMBtu/hr No. 2 Oil Boiler, Bldg. 144
IA1.148	0.15 MMBtu/hr No. 2 Oil Boiler, Bldg. 230
IA1.149	0.15 MMBtu/hr No. 2 Oil Boiler, Bldg. 509
IA1.150	0.13 MMBtu/hr No. 2 Oil Boiler, Bldg. 134
IA1.151	0.12 MMBtu/hr No. 2 Oil Boiler, Bldg. 390
IA1.152	0.1 MMBtu/hr No. 2 Oil Boiler, Bldg. 145
IA1.153	25,000 gal Diesel UST, TECR Gas Station
IA1.154	25,000 gal Gasoline UST, TECR Gas Station
IA1.155	15,000 gal Diesel UST, TPECR Gas Station
IA1.156	10,000 gal Diesel UST, Bldg. 528C
IA1.157	10,000 gal Diesel UST, Bldg. 528E
IA1.158	10,000 gal Gasoline UST, Bldg. 528A
IA1.159	10,000 gal Gasoline UST, Bldg. 528B
IA1.160	10,000 gal Gasoline UST, Bldg. 528D
IA1.161	10,000 gal Gasoline UST, TPECR
IA1.162	9,728 gal JP-8 AST, Bldg. 83018
IA1.163	2,500 gal Oil UST, Bldg. 536A
IA1.164	2,500 gal Oil UST, Bldg. 536B
IA1.165	1,000 gal Diesel AST, Bldg. 136
IA1.166	600 gal Diesel AST, Digital
IA1.167	550 gal Diesel AST, Highland Peak
IA1.168	550 gal Diesel AST, Gap Filler
IA1.169	550 gal Diesel AST, Fuels Yard
IA1.170	550 gal Diesel UST, Bldg. 536E
IA1.171	550 gal Diesel UST, Bldg. 536C
IA1.172	550 gal Diesel UST, Bldg. 536D
IA1.173	550 gal Diesel UST, Bldg. 536F
IA1.174	550 gal Diesel UST, Bldg. 536H
IA1.175	300 gal Diesel AST, Bldg. 509
IA1.176	275 gal Diesel AST, Bldg. 134
IA1.177	275 gal Diesel AST, Bldg. 144
IA1.178	275 gal Diesel AST, Bldg. 217
IA1.179	275 gal Diesel AST, Bldg. 223
IA1.180	275 gal Diesel AST, Bldg. 225
IA1.181	275 gal Diesel AST, Bldg. 266
IA1.182	275 gal Diesel AST, Bldg. 427
IA1.183	275 gal Diesel AST, Bldg. 500
IA1.184	Misc. Storage Tanks, TTR – <b>UNSPECIFIED NUMBER</b>
IA1.185	Misc. Storage Tanks, TPECR – <b>UNSPECIFIED NUMBER</b>
IA1.186	Misc. Storage Tanks, TECR – <b>UNSPECIFIED NUMBER</b>
IA1.187	200 gal Diesel AST, Fuels Yard



# Class I Non-Permit Equipment List

Appended to CLASS I AIR QUALITY OPERATING PERMIT #AP9711-1233 (Continued)

Emission Unit #	Insignificant Emission Unit Description
IA1.188	TPECR Woodshop – 1 Table Saw in a building
IA1.189	Fuel Dispensing, TTR 1
IA1.190	Fuel Dispensing, TTR 2
IA1.191	Fuel Dispensing, TTR 7
IA1.192	Fuel Dispensing, TTR 8
IA1.193	Fuel Dispensing, TPECR Gas Station
IA1.194	Fuel Dispensing, TPECR Gas Station
IA1.195	Fuel Dispensing, TTR 3
IA1.196	Fuel Dispensing, TTR 4
IA1.197	Fuel Dispensing, TTR 5
IA1.198	Fuel Dispensing, TTR 6
IA1.199	Fuel Dispensing, TTR 9
IA1.200	Fuel Dispensing, TTR 10
IA1.201	Fuel Dispensing, TTR 11
IA1.202	Fuel Dispensing, TTR 12
IA1.203	Fuel Dispensing, TECR Gas Station
IA1.204	Fuel Dispensing, TECR Gas Station
IA1.205	Fuel Dispensing, JP-8, TECR Helipad
IA1.206	Fuel Loading Rack, Hard Stand #6 (N)
IA1.207	Fuel Loading Rack, Hard Stand #5 (N)
IA1.208	Fuel Loading Rack, JP-8, TTR
IA1.209	Fuel Loading Rack, Diesel, TTR
IA1.210	Fuel Loading Rack, Hard Stand #1 (S)
IA1.211	Fuel Loading Rack, Hard Stand #2 (S)
IA1.212	Fuel Loading Rack, Hard Stand #3 (S)
IA1.213	Fuel Loading Rack, Hard Stand #4 (S)
IA1.214	Fuel Loading Rack, TTR Gas Station
IA1.215	Fuel Loading Rack, TPECR Gas Station
IA1.216	Fuel Loading Rack, TECR Gas Station

Emission Unit #	Non-Road Engine List
NR1.001	1 – 1 kW Gasoline Generator, Portable
NR1.002 – NR1.003	2 – 4 kW Gasoline Generators, Portable
NR1.004	1 – 5 kW Diesel Generator, Portable
NR1.005 – NR1.007	3 – 6.5 kW Gasoline Generators, Portable
NR1.008 – NR1.009	2 – 8 kW Diesel Generators, Portable
NR1.010 – NR1.011	2 – 10 kW Diesel Generators, Portable
NR1.012 – NR1.015	4 – 12.5 kW Gasoline Generators, Portable
NR1.016	1 – 12.5 kW LPG Generator, Portable
NR1.017	1 – 13 kW Diesel Generator, Portable
NR1.018 – NR1.039	22 – 15 kW Diesel Generators, Portable
NR1.040	1 – 16 kW Diesel Generator, Portable
NR1.041 – NR1.052	12 – 20 kW Diesel Generators, Portable
NR1.053	1 – 20 kW LPG Generator, Portable
NR1.054 – NR1.067	14 – 30 kW Diesel Generators, Portable
NR1.068 – NR1.088	21 – 45 kW Diesel Generators, Portable
NR1.089 – NR1.117	29 – 60 kW Diesel Generators, Portable
NR1.118	1 – 75 kW Diesel Generator, Portable
NR1.119 – NR1.155	37 – 90 kW Diesel Generators, Portable
NR1.156 – NR1.179	24 – 100 kW Diesel Generators, Portable
NR1.180 – NR1.191	12 – 200 kW Diesel Generators, Portable
NR1.192	1 – 250 kW Diesel Generator, Portable